

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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1. Soviet first production piles were completed in the 1940s, radioactive isotopes became available for medical and industrial research before 1950. 25X1
2. they had reactors working which were moderated with graphite, heavy water, and light water. The heavy water reactor is an experimental reactor started in 1952, and now is either complete or nearing completion. The light water reactor was started at about the same time and is now complete. the 100,000 kilowatt atomic power station had been started in April, rather than September 1954 as officially published. Its reactor is moderated with graphite and is located near Moscow. 25X1
3. the USSR was at present obtaining thorium in the Lake Baykal area. the USSR used a solution filtration method for separating U-235 from U-238 which is very similar to the process described at the U.S. exhibition in Geneva as in use in the U.S. 25X1

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